

Docket No.: 230420US41YA/jkl

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Andrej S. MITROVIC, et al.

SERIAL NUMBER: 10/673,583 GROUP: 2128

FILED: September 30, 2003 EXAMINER: SAXENA, AKASH

FOR: SYSTEM AND METHOD FOR USING FIRST-PRINCIPLES SIMULATION TO  
PROVIDE VIRTUAL SENSORS THAT FACILITATE A SEMICONDUCTOR  
MANUFACTURING PROCESS

**AMENDMENT AFTER ALLOWANCE UNDER 37 C.F.R. §1.312**

MAIL STOP ISSUE FEE  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
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SIR:

In response to the Notice of Allowance dated August 1, 2011, please amend the  
above-identified application as follows:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 16 of this paper.